

Method for the production of powders and a sealed microwave plasma reactor

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Anmelder: AIR LIQUIDE (FR)

Klassifikation:


- Internationale: B01J12/00; B01J19/12; B22F9/28; C01B13/28;
C01B21/064; C01B21/068; C01B21/076;
C01B31/30; C01B31/36; C01B33/029; C01B33/03;
C01B33/18; C01B35/04; C01F17/00; C01G23/07;
C01G31/02; C01G55/00; H05H1/46; C23C16/44;
B01J12/00; B01J19/12; B22F9/16; C01B13/20;
C01B21/00; C01B31/00; C01B33/00; C01B35/00;
C01F17/00; C01G23/00; C01G31/00; C01G55/00;
H05H1/46; C23C16/44; (IPC1-7): H05H1/46

- Europäische: B01J12/00B; B01J19/12D6; B22F9/28; C01B13/28;
C01B21/064C; C01B21/068; C01B21/076C;
C01B31/30F; C01B31/36; C01B33/029;
C01B33/03; C01B33/18B4; C01B35/04;
C01F17/00F; C01G23/07; C01G31/02;
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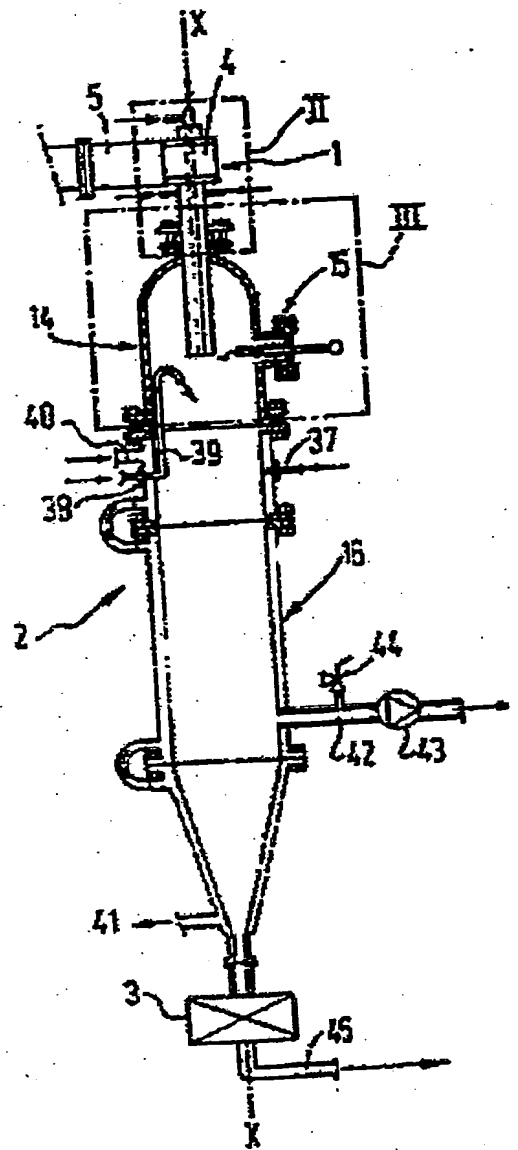
Auch veröffentlicht als:

 JP62152532 (/)

Datenfehler hier melden

Zusammenfassung von FR2591412

In a sealed enclosure 2, previously purged and kept at a slight overpressure, a reactive gas is passed through an annular plasma produced by a microwave torch 1; then, by means of gas jets 39, the reaction products are cooled on leaving this plasma so as to obtain a fine powder collected by a filter 3. Application to the production of powders of refractory materials, metallic oxides or metals.



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